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"The Reaction of Ants to Material Vibration," by Adele M. Field and George H. Parker (September 20).

The deaths of the following members were announced: Henry Brinton Coxe, William S. Magee and Edward K. Tryon, Jr.

The deaths of R. A. Philippi, and Edward von Martens, correspondents, were also announced.

DR. H. A. PILSBRY made a communication on the stages of growth and decline in the land mollusca. (No abstract.)

DR. J. P. MOORE spoke of sexual polymorphism in annelids, with special reference to the Polychæta. (No abstract.)

OCTOBER 18.

The President, SAMUEL G. DIXON, M.D., in the Chair.

Thirty-two persons present.

Papers under the following titles were presented for publication:

"The Orthoptera of Thomas County, Georgia, and Leon County, Florida," by James A. G. Rehn and Morgan Hebard (October 11).

"Annotated List of the Types of Invertebrate Cretaceous Fossils in the Collection of the Academy of Natural Sciences of Philadelphia," by Charles W. Johnson (October 14).

DR. BENJAMIN SHARP reported his experience during the summer on a trawler from Hull which fished in the North Sea between England and Helgoland, and on the cutter which brought the catch to London. (No abstract.)

A new Centrifuge.—DR. HENRY EMERSON WETHERILL described a compact centrifuge that will do all the work of the ordinary centrifuge with the advantages of being more compact, less complex, and more easily cleaned.

It does away completely with the heretofore unnecessary gearing required for the revolutions, this being accomplished by a double rotating motion produced by the twisting of rawhides or rope. This to-and-fro motion gives a more level precipitation, and the magnifying bulbous end of the graduated bottle enables a measurement of the smallest amounts of precipitate. The bottles are tightly corked, thus preventing the mixture of the precipitate with the supernatant liquid, and serving as a safeguard in revolving infectious material.

The instrument will fit in the vest pocket like a clinical thermometer, and when one of the little pocket microscopes now to be had is used

with it the work at the bedside is facilitated. Not only can urine be sedimented, but by reversing the tube small amounts of cream in milk, of a sufficient quantity, can be tested for. The speed is ample, and reduces the time for testing to one minute.

The following were elected members:

Michael F. McDonough, Charles D. Hart, M.D., and Mrs. Charles Roberts.

Frantisek Vidovsky, of Prague, and A. A. W. Hubrecht, of Utrecht, were elected correspondents.

The following were ordered to be printed: